

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Mogens Bugge, et al.

Date: December 19, 2001

Serial No.:

Group Art Unit:

Intl. Filing Date: June 26, 2000

Examiner: Not Yet Assigned

For: IMPLANTABLE DEVICE FOR UTILISATION OF THE HYDRAULIC
ENERGY OF THE HEART

Asst. Commissioner for Patents
Washington, D.C. 20231

AMENDMENT/SUBMISSION

Prior to examination please amend the application as follows.

FEE CALCULATION

In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed or if any additional fee during the prosecution of this application is not paid, the Patent Office is authorized to charge the underpayment to Deposit Account No. 15-0700.

CONTINGENT EXTENSION REQUEST

If this communication is filed after the shortened statutory time period had elapsed and no separate Petition is enclosed, the Commissioner of Patents and Trademarks is petitioned, under 37 C.F.R. § 1.136(a), to extend the time for filing a response to the outstanding Office Action by the number of months which will avoid abandonment under 37 C.F.R. § 1.135. The fee under 37 C.F.R. § 1.17 should be charged to our Deposit Account No. 15-0700.

AMENDMENTS

✓ If checked, amendment(s) to the specification and/or claims are submitted herewith.

1. ✓ If checked, an abstract is submitted as the last page of Appendix A.

2. Specification:

Please delete the paragraph(s)/section(s) beginning at page 1, line 2 and replace such paragraph(s)/section(s) pursuant to 37 C.F.R. § 1.121(b)(ii) with the “clean” version attached hereto as Appendix A. Entry is respectfully requested. A version with markings to show the changes made pursuant to 37 C.F.R. § 1.121(b)(iii) is attached hereto as Appendix B.

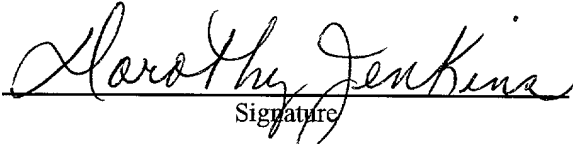
REMARKS/ARGUMENT

This Preliminary Amendment is being submitted in order to place the application in better form for U.S. practice. No new matter is added by this Preliminary Amendment.

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee (mail label #EL334668123US) in an envelope addressed to: U.S. Patent and Trademark Office, P O Box 2327, Arlington, VA 22202, on December 19, 2001

Dorothy Jenkins

Name of person mailing correspondence

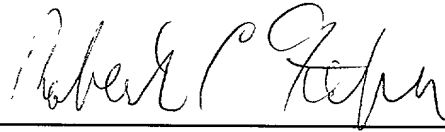


Signature

December 19, 2001

Date of Signature

Respectfully submitted,



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APPENDIX A
“CLEAN” VERSION OF EACH PARAGRAPH/SECTION/CLAIM
37 C.F.R. § 1.121(b)(ii) AND (c)(i)

SPECIFICATION:

Paragraph at page 1, line 2, after the title:

Cross Reference to Related Applications

This application is a continuation of PCT International Application No. PCT/SE00/01355 filed June 29, 2000 which PCT Application claims priority to Swedish Application No. 9902381-4 filed June 23, 1999.

Approved for release

ABSTRACT

A device, potentially implantable in a living organism, intended to utilize at least a part of the hydraulic energy generated by the heart (10) - the primary unit - at the natural phases of work when the cavities of the heart (11, 12 and 16, 17) are filled with blood. The device includes at least one secondary unit (24), which is connectable to the cardiovascular system of the organism and arranged to utilize said hydraulic energy. The secondary unit is represented by at least one hydraulic motor (24a) arranged to transfer the hydraulic energy to a transferal organ (28). The transferal organ (28) is arranged to influence at least one tertiary unit, for example an executive device (29), which is constructed in order to convert the transferred energy to an alternative form of energy, with the purpose to influence certain defined functions within the organism. Preferably is arranged a regulating device (30) in order to control running parameters of the unit.

APPENDIX B
VERSION WITH MARKINGS TO SHOW CHANGES MADE
37 C.F.R. § 1.121(b)(iii) AND (c)(ii)

SPECIFICATION:

Paragraph at page 1, line 2, after the title:

Cross Reference to Related Applications

This application is a continuation of PCT International Application No. PCT/SE00/01355 filed June 29, 2000 which PCT Application claims priority to Swedish Application No. 9902381-4 filed June 23, 1999.